

What is claimed:

1. In a communication system, the communication system providing real-time communication service to a plurality of subscribers, wherein a first subscriber is in communication with a second subscriber, a method for providing operating information associated with a wireless device to the second subscriber comprising:
 - providing real-time communication service to a first device and a second device, the first device being a wireless device;
 - receiving operating information associated with the first device; and
 - transmitting the operating information to the second device.
2. The method of claim 1, wherein providing the real-time communication service to a first device and a second device comprises providing one of instant messaging service and group chat service to a first device and a second device.
3. The method of claim 1, wherein receiving operating information associated with the first device comprises receiving operating information associated with the first device in response to a trigger event, wherein the trigger event comprises one of a registration, a subscriber input and a change in status.
4. The method of claim 1, wherein receiving operating information associated with the first device comprises receiving one of status information and resource information associated with the first device.

5. The method of claim 1, wherein receiving operating information associated with the first device comprises receiving information associated with one of bandwidth, display capability, input capability, link type, link cost, device type, latency, power, location and operating mode of the first device.

6. The method of claim 1, wherein receiving operating information associated with the first device comprises receiving operating information associated with one of a cellular telephone, a pager, and an electronic planner.

7. The method of claim 1, wherein transmitting the operating information to the second device comprises transmitting the operating information to a device operable to generate one of an icon, a graphic image, a textual message, and an audio message based on the operating information.

8. The method of claim 1, wherein transmitting the operating information to second device comprises transmitting the operating information to one of a wireless electronic device and a wired electronic device.

9. In a communication system, the communication system providing real-time communication service to a plurality of subscribers, wherein a first subscriber is in communication with a second subscriber, and wherein a communication network is adapted to provide operating information associated with a wireless device to the second subscriber, the communication network comprising:
a memory;

a communication server coupled to the memory, the real-time communication server being operable to provide real-time communication service to a first device and a second device, the first device being a wireless device;

the communication server being operable to receive operating information associated with the first device, and

the communication server being operable to transmit the operating information to the second device.

10. The communication network of claim 9, wherein the communication server comprises a server being operable to provide one of instant messaging service and group chat service to a first device and a second device.

11. The communication network of claim 9, wherein the real-time communication server comprises a real-time communication server being operable to receive operating information associated with the first device in response to a trigger event, the trigger event being one of a registration, a subscriber input, and a change in status.

12. The communication network of claim 11, wherein the registration includes the operating information associated with the first device.

13. The communication network of claim 9, wherein the operating information associated with the first device comprises one of status information and resource information associated with the first device.

14. The communication network of claim 9, wherein the operating information comprises information associated with one of bandwidth, display capability, input capability, link type, link cost, device type, latency, power, location and operating mode of the first device.

15. The communication network of claim 9, wherein the operating information associated with the first device comprises operating information associated with of one of a cellular telephone, a pager, and an electronic planner.

16. The communication network of claim 9, wherein the communication network comprises an Internet Protocol (IP) network.

17. In a communication system, the communication system providing real-time communication service to a plurality of subscribers, wherein a first subscriber is in communication with a second subscriber, a method for providing operating information associated with a wireless device to the second subscriber comprising:
participating in real-time communication service with a first device, the first device being a wireless device;
receiving operating information associated with the first device; and
generating an indication based on the operating information associated with the first device.

18. The method of claim 17, wherein participating in real-time communication service with the first device comprises participating in one of instant messaging service and group chat service with the first device.

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19. The method of claim 17, wherein receiving operating information associated with the first device comprises receiving information associated with one of bandwidth, display capability, input capability, link type, link cost, device type, latency, power, location and operating mode of the first device.

20. The method of claim 17, wherein receiving operating information associated with the first device comprises receiving operating information associated with one of a cellular telephone, a pager, and an electronic planner.

21. The method of claim 17, wherein generating an indication based on the operating information associated with the first device comprises generating an icon, a graphic image, a textual message, and an audio message based on the operating information.

22. In a communication system for providing real-time communication service to a plurality of subscribers, wherein a first subscriber is in communication with a second subscriber, and wherein a server operates in accordance to a computer program embodied on a computer-readable medium for providing operating information associated with a wireless device to the second subscriber, the computer program comprising:

a first routine that directs the server to provide real-time communication service to a first device and a second device, the first device being a wireless device;

a third routine that directs the server to receive operating information associated with the first device; and

a third routine that directs the server to transmit the operating information to the second device.

23. The computer program of claim 22, wherein the first routine comprises a routine that directs the server to provide one of instant messaging service and group chat service to a first device and a second device.

24. The computer program of claim 22, wherein the second routine comprises a routine that directs the server to receive operating information associated with the first device in response to a trigger event, the trigger event comprises one of a registration, a subscriber input and a change in status.

25. The computer program of claim 22, wherein the second routine comprises a routine that directs the server to receive one of status information and resource information associated with the first device.

26. The computer program of claim 22, wherein the second routine comprises a routine that directs the server to receive information associated with one of bandwidth, display capability, input capability, link type, link cost, device type, latency, power, location and operating mode of the first device.

27. The computer program of claim 22, wherein the second routine comprises a routine that directs the server to receive operating information associated with one of a cellular telephone, a pager, and an electronic planner.

28. The computer program of claim 22, wherein the third routine comprises a routine that directs the server to transmit the operating information to a device operable to generate one of an icon, a graphic image, a textual message, and an audio message based on the operating information.

29. The computer program of claim 22, wherein the third routine comprises a routine that directs the server to transmit the operating information to one of a wireless electronic device and a wired electronic device.

30. The computer program of claim 22, wherein the medium comprises one of paper, a programmable gate array, application specific integrated circuit, erasable programmable read only memory, read only memory, random access memory, magnetic media, and optical media.